

Abstract

A tooth model for dentistry practical training capable of correct shape measurement using laser light is disclosed.

The tooth model for dentistry practical training having a tooth crown portion 1 formed as an imitation of the shape of a tooth is characterized that at least the tooth crown portion 1 is made of a tooth crown portion forming material having non-transparency or semi-transparency, a center-line average roughness R_a of the surface of the tooth crown portion 1 is $0.1\text{ }\mu\text{m}$ or more and less than $10\text{ }\mu\text{m}$, and a light reflectance of the surface of the tooth crown portion 1 is 70% or higher for light of 700 nm in wavelength. The color difference ΔE^*_{ab} from a standard white color of the tooth crown portion forming material is 15 or less.

Since the shape of the tooth crown portion can be correctly measured by a non-contact, high speed, three-dimensional shape measuring instrument, by using this tooth model, results of various kinds of a treatment practice and a preparation practice can be correctly evaluated in the educational field.